

DOMINION JOHN

jdominion123@gmail.com | +2348147068141 | <https://github.com/DOMINION-JOHN1> |
<https://www.linkedin.com/in/johndominion/>

SUMMARY

.....

Machine Learning Engineer with expertise in leveraging advanced technologies like Generative AI to tackle complex problems, extract actionable insights, and drive data-informed decisions. Ready to bring innovation and technical acumen to innovative projects at leading-edge companies.

SKILLS

.....

Developer Tools: VS Code, Docker, Render, GitHub, Git, HuggingFace, Azure

Technologies/Frameworks: Flask, Fastapi, Streamlit, Tensorflow, Keras, PyTorch, OpenCV, Scikit-learn.

Analytical Tools: Excel, PowerBI, Tableau.

Technical Skills: Python, SQL, Natural Language Processing (NLP), Computer Vision (CV), Time series, Large Language Models and Generative AI

Soft Skills: Communication (written & verbal), Empathy, Teamwork, Critical Thinking, Leadership, Project Management.

EXPERIENCES

.....

Zummit Africa

August 2023 – Present

Machine Learning Engineer

Remote

- Built a customer support chatbot using Retrieval-Augmented Generation (RAG) technology, which enabled 24/7 customer support for users on the Datarango platform. This innovative solution not only ensured accurate and relevant responses to user queries but also eliminated the need for additional human labor, streamlining operations and enhancing user satisfaction.
- Built an app that provided comprehensive analytics and data visualization for a company, streamlining analysis and reporting processes. The app could also generate analytical recommendations based on the data it processed, leveraging Pandas AI and OpenAI's large language model (LLM) to deliver actionable insights.
- Led a team to develop a weapon detection API using Flask, designed for integration with surveillance cameras to enable real-time weapon detection. This project leveraged advanced computer vision techniques to enhance security measures and ensure rapid response to potential threats.

PROJECTS

.....

Skin Lesion Detection:

Developed an AI system using deep learning and pre-trained models like RetinalNet for skin lesion detection in clinical images. Integrated with a robotic scanner, the system automates cancer lesion detection, enhancing dermatological diagnostics.

Dental Health Chatbot:

Created a dental assistant chatbot using Retrieval-Augmented Generation (RAG) technology and powered by the Gemini LLM.

The assistant answers dental health questions and provides tailored recommendations, supporting patients and dental professionals.

Gold Price Prediction:

Developed an LSTM model for predicting gold prices, with automated retraining and updating via GitHub Actions. This project demonstrated proficiency in time-series analysis and model maintenance.

EDUCATION / CERTIFICATIONS

.....		
Kogi State University		Nigeria
<i>Bsc Microbiology(4.24)</i>		2020
Udemy		2023
<i>Machine learning basics to advanced</i>		
Udemy		2024
<i>Machine learning operations</i>		

REFERENCES

Available upon request.